

# FEBRUARY 18-20

and the demands on strategic lift

Sponsored by

## TACOM - PM Petroleum and Water Systems



2002

[www.tacom.army.mil/dsa/pmtaws/pm\\_paws](http://www.tacom.army.mil/dsa/pmtaws/pm_paws)



# First Petroleum and Water Systems Symposium

## San Antonio, Texas

### SCOPE AND OBJECTIVE

This First Petroleum and Water Systems Symposium will bring together Government and Industry to discuss issues relevant to future trends in Petroleum and Water Systems Acquisitions and Fielding. It will introduce a new approach to industry and establish a broader teaming relationship to move forward in the 21<sup>st</sup> Century in support of the fighting men and women.

This forum affords the opportunity for networking and enhancing the lines of communication in an unstructured and informal atmosphere. The symposium will offer formal presentations by government and industry personnel, exhibits, demonstrations, and open discussions. In addition, a visit to Southwest Research Institute (SwRI) has been planned to view the TARDEC Petroleum Laboratory and other facilities at SwRI in the area of water and petroleum systems.

### THEME

Over the years Petroleum and Water purification, temporary storage, transfer, and quality inspection equipment acquisitions were handled as purchases of individual components. As a result industry was not involved with, nor fully understood, how the individual components were used and integrated to support field missions. In FY01 the procurement focus changed to buying systems to achieve better integration of technologies and equipment to support the field and achieve higher levels of interoperability. Water and Petroleum account for over 70% of the projected sustainment tonnage of an interim brigade. As the operational tempo of US Army deployments increases, the requirements for Petroleum and Water Systems are critical regardless of the mission: high intensity conflict, low intensity conflict, or a humanitarian effort. Therefore, Industry and the Army in cooperation with DARPA, the other services, and our allies must address the difficult tasks of reducing the liquid logistical burden, system deployment and retrieval rates, and the demand on strategic lift assets in support of Army Transformation goals. The Product Manager for Petroleum and Water Systems (PM PAWS), as the Army's single point of

contact for petroleum and water systems, is responsible for research, development, test, procurement, and fielding of these systems, and has taken the lead to make this transformation.

### COMMITTEE

#### TACOM:

Co-chair: **LTC LoSchiavo**, PM PAWS

Deputy Co-chair: **John Weaver**

PAWS Coordinator: **Glen Williams**

#### NDIA Michigan Chapter:

Co-chair: **Bob Hoover**

Deputy Co-chair Admin: **Bob Ament**

Deputy Co-chair Programs: **Greg Bock**

Deputy Co-chair Finance: **Constance Blair**

#### Program Coordinator:

**Ken Fink**

#### Exhibit Coordinator:

**Angela Schofield**

#### Southwest Research Institute:

**Gary Bessee**





## REGISTRATION

Send your completed registration with fee payable to:

**NDIA, ATTN: Bob Ament**  
**P.O. Box 1027, Warren, MI 48090**

You may fax your Registration Form with your credit card number (Visa, MasterCard, American Express), name, expiration date and signature to Bob Ament (586) 776-9731.

### REGISTRATION FEE:

The registration for the Symposium is **\$270.00**. Fee includes Receptions, Continental Breakfasts, Lunches, Coffee Breaks, and Proceedings. A receipt will be e-mailed to you. The fee for registrations received after January 21, 2002, will be **\$300.00**.

## EXHIBITORS

NDIA is offering 8' x 8' exhibition booths at the hotel, but these are limited and we recommend you respond early. These booths are available at \$900 each for the duration of the symposium. In addition, there is space available for tabletop displays (\$250), and poster displays (\$100). Outdoor displays (\$300) will be at SwRI.

Space will be allocated on a first come, first serve basis. In addition, NDIA is offering each exhibitor two registration fees at the discounted cost of \$190 per person for the indoor and outdoor exhibitors. Also, one discounted registration is authorized for each table top exhibitor. No discount is allowed for poster displays only. This will allow representatives from your organization to participate in the symposium sessions, as well as all meals and refreshments. If your organization is interested in being an exhibitor, please contact:

**Angela Schofield**  
**E-mail: [businessser@aol.com](mailto:businessser@aol.com)**  
**Telephone: (248) 582-8829**

You will be sent an exhibitor package which includes an exhibit registration form and will also allow you to sign up for discounted symposium registration.

## LODGING

A block of guest rooms has been reserved at a special rate for February 18-20, 2002 at:

**La Mansion del Rio Hotel**  
**112 College Street**  
**San Antonio, Texas 78205**  
**Phone: (800) 292-7300**

### RATE:

Government Rate: \$91.00 per diem rate + tax per day (ID required).

Industry Rate: \$179.00 + tax per day.

An additional hotel nearby that has a block of guest rooms reserved for overflow is:

**Holiday Inn Riverwalk**  
**217 N. St. Mary's**  
**San Antonio, Texas 78205**  
**Phone: (800) 445-8475**

### RATE:

Government Rate: \$91.00 + tax per room, per night.

Industry Rate: \$129.00 + tax per room, per night.

Please make your own room reservations and identify yourself as attending the TACOM/NDIA Symposium. This will enable you to take advantage of these special group rates. Please note that your room reservation **MUST** be made by January 15, 2002 to take advantage of these low rates.

This is an authorized training event and conference fees can be claimed on Government travel vouchers. Government credit cards can be used.



# First Petroleum and Water Systems Symposium

## San Antonio, Texas

### AGENDA

#### Monday, February 18, 2002

- 1200-1400 Tee Off - Golf Outing Fort Sam Houston Golf Club**  
18 Holes with cart is \$32.00 (Pay at course). If you wish to play, please call 810-445-2041, or email:tmhrt@attglobal.net. (Limited to 60 players. Provide a contact number or email address.)
- 1800-2100 Early Sign-In**  
La Mansion del Rio Hotel, NDIA Hospitality Suite #228

#### Tuesday, February 19, 2002

- 0715 Sign-In, Continental Breakfast**
- 0800 Administration, Introduction**
- 0815 Army Transformation and Reducing the Logistical Footprint on the Battlefield**  
LTG Billy Solomon, CG, USA CASCOM
- 0845 Breaking the Paradigm of Liquid Logistics**  
MG Terry Juskowiak, CG, USA QM Center and School
- 0915 Break, Visit Industry Exhibits**
- 1015 Wartime Executive Agency Responsibilities in Water and Fuel**  
COL George Parker, ODCSLOG, HQDA
- 1045 Reducing Strategic Lift in Force Projection**  
COL Genaro Dellarocco, PM-Force Projection
- 1115 Lunch, Visit Industry Exhibits**
- 1300 PM PAWS Systems from Cradle to Grave**  
LTC Philip LoSchiavo, PM-PAWS
- 1330 United States Marine Corps Petroleum and Water Support to Expeditionary Maneuver Warfare**  
COL Michael Boyd / CWO4 Robert Collins, USMC, HQMC
- 1400 Break, Visit Industry Exhibits**
- 1500 Advanced Fuels Technologies**  
Mr. William Harrison, USAF, AF Research Laboratory
- 1530 Offshore Petroleum Distribution Systems**  
CAPTAIN Vincent Racanelli, USN
- 1600-1800 NDIA Reception in Exhibit Area**

## AGENDA

Wednesday, February 20, 2002

- 0715 Continental Breakfast**
- 0800 Administration, Introduction**
- 0815 Emerging Technologies in Drinking Water**  
Ms. Kim Linton/Dr. Martin Allen, AWWA Research Foundation
- 0845 Bulk Petroleum Storage Technologies and Future Concepts**  
Mr. Victor Zager, Seaman Corporation
- 0915 Break, Visit Industry Exhibits**
- 1015 Membrane Quality Analysis and Surveillance Technologies for the Future**  
Dr. Steve Duranceau, Boyle Engineering Corporation
- 1045 Integrating New Technologies in Transport; Transfer of Liquids; and Just in Time Deliveries**  
Mr. Steve Anderson, Air BP
- 1115 Administration, Instructions for Travel to SwRI**
- 1130 Lunch, Visit Industry Exhibits**
- 1245 Movement to Demonstrations/Outdoor Exhibits by motor coach to SwRI**
- 1630 Movement back to La Mansion del Rio Hotel**
- 1700 Collect Critique Sheets, Distribute CD's & Gifts**

**\*\*\* Dress for this Conference is Business Casual \*\*\***

### **\* DEMONSTRATION / OUTDOOR EXHIBITS**

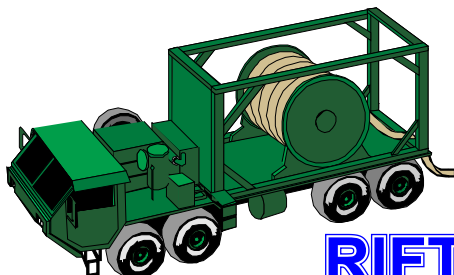
On the afternoon of February 20, 2002 our symposium attendees will travel via motor coach to Southwest Research Institute (SwRI) to observe PAWS equipment. Casual attire with low, rubber sole shoes is recommended dress.

**\*\* NON-US Citizens** will require a special clearance before entering SwRI. This will be accomplished on Tuesday, February 19, 2002.

# First Petroleum and Water Systems Symposium

## San Antonio, Texas

### PRESENTATIONS AND OUTDOOR DISPLAYS AT SOUTHWEST RESEARCH INSTITUTE



**RIFTS**

Program and Pipeline  
Research Presentation



**ONR**

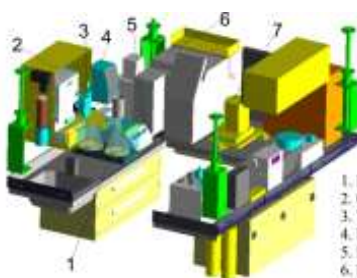
Automated Refueling and  
Inventory Control Program

**Laboratory**

US TARDEC Fuels and  
Lubricants Research  
Facility Tour



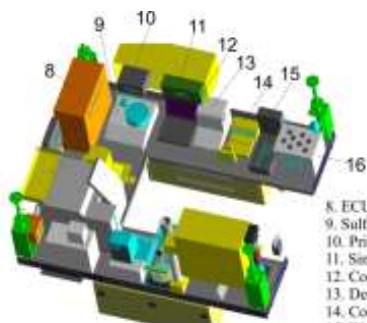
### OUTDOOR DISPLAYS



**PQAS**

Petroleum Quality Analysis System

1. Particulate Contamination
2. Oven
3. Vacuum Pump
4. Flash Point
5. Freeze Point
6. Distillation
7. Balance



8. ECU Evaporator Unit
9. Sulfur & Lead Tester
10. Printer
11. Sonogor
12. Computer
13. Density Unit
14. Color/Saybolt Tester
15. Water Separation Index
16. Copper Strip Corrosion



**LWP**

Lightweight Water Purifier



**1500TWPS**

Tactical Water Purification System



**Other Contractor Displays**



**TACOM / NDIA FIRST PETROLEUM AND WATER SYSTEMS SYMPOSIUM****Registration Form - Please Print**

US Citizen: Yes \_\_\_\_\_ No \_\_\_\_\_

Last Name

First Name

Company

Title

Address

City / State / Zip

Phone No.

Fax No.

E-Mail

Paid by Check #

VISA AmEx MC

Name on Card

Card#

Signature


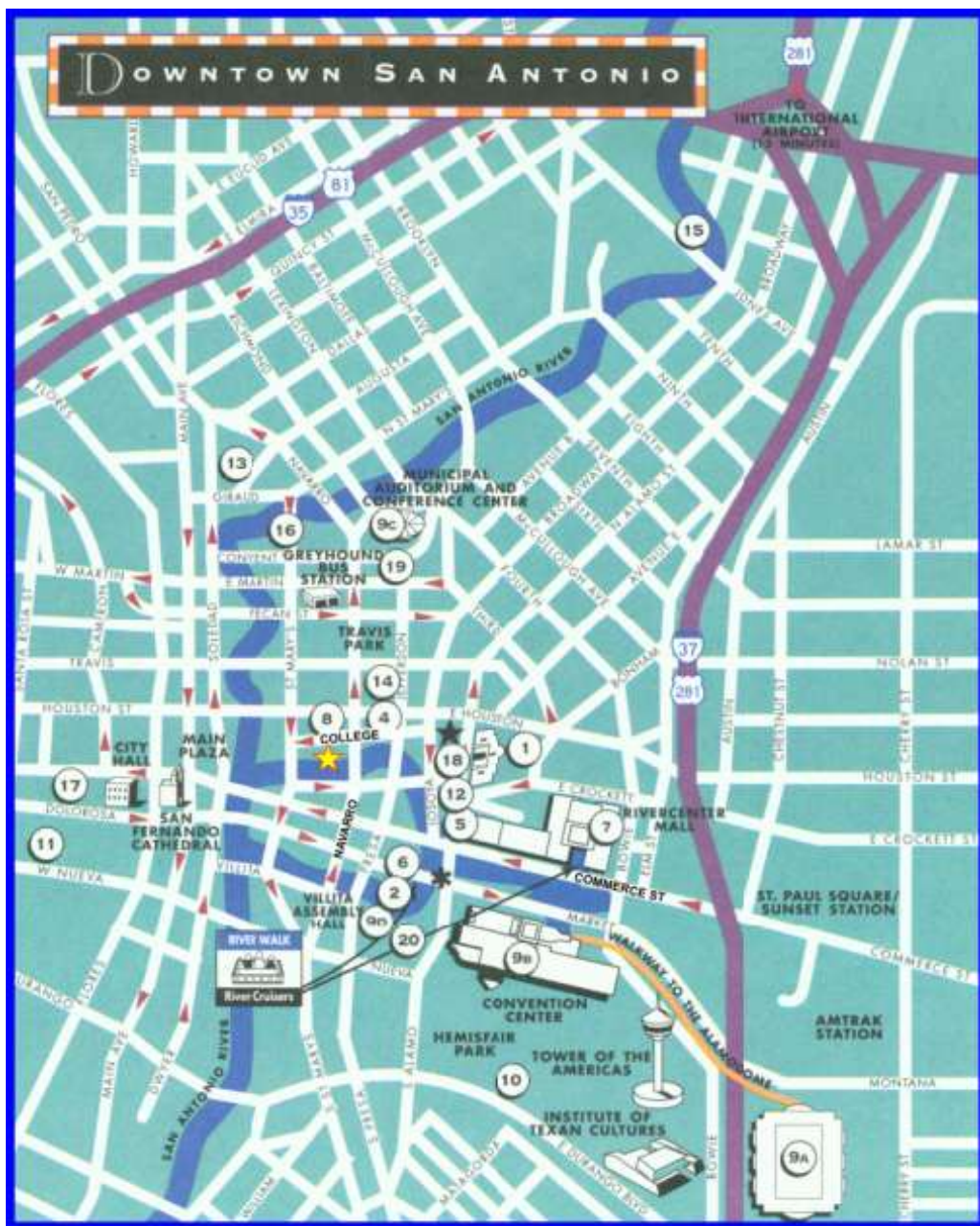
Exp. Date

Phone No. of Card Holder

Registration Fee:  
\$270.00 thru January 21, 2002 \$300.00 thereafter  
Mail or Fax Payment and Registration to:

NDIA, attn: Bob Ament  
P.O. Box 1027, Warren, MI 48090  
Phone: (586) 445-2041 Fax: (586) 776-9731  
E-Mail: tmhrt@attglobal.net

Make checks payable to: NDIA, Michigan Chapter

 Please cut along the line.**DIRECTIONS**

To: **La Mansion del Rio Hotel**  
**112 College** (★)

From the San Antonio International Airport follow Interstate 37 and 281 (south).

Exit at Commerce (west) and follow it to Navarro.

Turn right (north) on Navarro and follow it for 2 blocks to College. Turn left (west) onto College and La Mansion del Rio will be on the left (south).

**Parking**

- 1) Valet at Hotel
- 2) City lot across the street

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US ARMY TACOM  
ATTN: AMSTA-DSA-FP-PW  
6501 E. ELEVEN MILE ROAD  
WARREN, MI 48397-5000

# FIRST PETROLEUM AND WATER SYSTEMS



# SYMPOSIUM

# 2002